



SECTOR 8
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(3)

PTO/SB/21 (modified)
Approved for use through xx/xx/xx, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

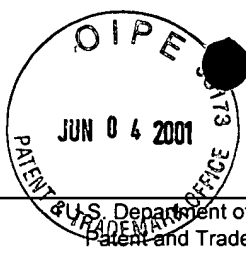
0031/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office	
TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	09/804,676
		Filing Date	March 12, 2001
		First Named Inventor	Ernest Seagraves
		Group Art Unit Number	2681
		Examiner Name	UNASSIGNED
Total Number of Pages in This Submission	10	Attorney Docket Number	21676-05107 (CT-34)

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input checked="" type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> Power of Attorney	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/>
<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/>

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Neil F. Maloney, Reg. No. 42,833	Dated:	May 31, 2001

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231 on the date shown below. If the Express Mail Mailing Number is filed in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Neil F. Maloney	Dated:	May 31, 2001
Express Mail Mailing Number (optional):			



0002/PTO(modified)
Rev. 10/2000

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) = **(\$ 719.00)**

Complete if Known

Application Number	09/804,676
Filing Date	March 12, 2001
First Named Inventor	Ernest Seagraves
Group Art Unit	2681
Examiner Name	UNASSIGNED
Attorney Docket Number	21676-05107

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account.[†]
- ☒ Applicant claims small entity status See 37 CFR 1.27

Deposit Account Number: 19-2555

Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Other

FEE CALCULATION (fees effective 10/01/2000)

1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$710	201/\$355	Utility Filing	355
106/\$320	206/\$160	Design Filing	
108/\$710	208/\$355	Reissue	
114/\$150	214/\$75	Provisional Filing	

SUBTOTAL (1) (\$ 355)

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$80	202/\$40	Independent claims in excess of 3
104/\$270	204/\$135	Multiple dependent claim
109/\$80	209/\$40	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	65
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	
147/\$2,520	147/\$2,520	For filing a request for reexamination	
115/\$110	215/\$55	Extension for response within first month [†]	
116/\$390	216/\$195	Extension for response within second month [†]	
117/\$890	217/\$445	Extension for response within third month [†]	
118/\$1,390	218/\$695	Extension for response within fourth month [†]	
128/\$1,890	228/\$945	Extension for response within fifth month [†]	
119/\$310	219/\$155	Notice of Appeal	
141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application	
142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)	
143/\$440	243/\$220	Design Issue Fee	
122/\$130	122/\$130	Petitions to the Commissioner	
126/\$180	126/\$180	Submission of Information Disclosure Statement	
179/\$710	279/\$355	Request for Continued Examination (RCE)	
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	
146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))	
149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify):

Other fee (specify):

SUBTOTAL (3) (\$ 65)

(Col. 1)		(Col. 2)		(Col. 3)			
For	No. of Existing Claims		Highest No. Previously Paid For		Extra**	Fee	Fee Due
TOTAL	31	minus*	20 or 0	=	11	x 9	= 99
INDEP	8	minus*	3 or 0	=	5	x 40	= 200
[] First presentation of multiple dependent claim							

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) (\$ 299)

SUBMITTED BY

Typed or Printed Name **Neil F. Mahoney**

Signature

Complete (if applicable)

Reg. Number **42,833**

Date

May **31**, 2001

[†] Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby



PATENT

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANT: Ernest Seagraves
APPLICATION NO.: 09/804,676
FILING DATE: March 12, 2001
TITLE: ENHANCED BITLOADING FOR MULTICARRIER COMMUNICATION CHANNEL
EXAMINER: UNASSIGNED
GROUP ART UNIT: 2681
ATTY. DKT. NO.: 21676-05107 (CT-34)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner For Patents, Washington, DC 20231, on the date shown below:

Dated: May 31, 2001 By: Neil F. Maloney
Neil F. Maloney, Reg. No. 42,863

BOX MISSING PARTS
COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

RESPONSE TO NOTICE TO FILE MISSING
PARTS OF APPLICATION

SIR:

Responsive to Notice to File Missing Parts dated May 17, 2001 received in the above-identified patent application,

☒ Enclosed are:

- ☒ a copy of the Notice to File Missing Parts;
- ☒ an original, signed Declaration;
- ☒ an original, signed Power of Attorney or Authorization of Agent;
- ☐ an Application Data Sheet;

- ☒ payment in the amount of \$719.00 for the
- ☒ application filing fee;
 - ☒ fee for additional claims;
 - ☒ fee for additional independent claims; and
 - ☒ missing parts surcharge.

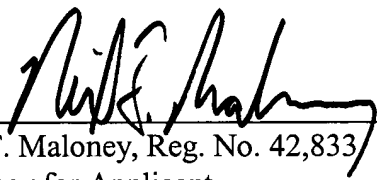
☐ Other

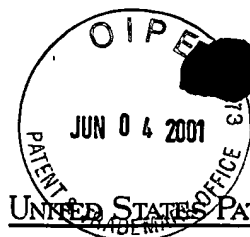
☒ Applicant claims small entity status under 37 C.F.R. § 1.27.



Dated: May 31, 2001

Respectfully submitted,
ERNEST SEAGRAVES

By: 
Neil F. Maloney, Reg. No. 42,833
Attorney for Applicant
Fenwick & West LLP
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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/804,676	03/12/2001	Ernest Seagraves	21676-05107

CONFIRMATION NO. 1860

00758
FENWICK & WEST LLP
TWO PALO ALTO SQUARE
PALO ALTO, CA 94306

FORMALITIES LETTER



OC000000006084721

Date Mailed: 05/17/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 355 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$299.
 - \$99 for 11 total claims over 20.
 - \$200 for 5 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 719.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/05/2001 HUONG1 00000047 09804676

01 FC:201	355.00 OP
02 FC:205	65.00 OP
03 FC:203	99.00 OP
04 FC:202	200.00 OP